

SECTION II—CLAIMS

1. (Previously Presented) An apparatus comprising:
 - a machine-vision system comprising an internal camera operatively connected to an image buffer, and a digital signal processing unit; and
 - a camera port connected to the image buffer, wherein the port is adapted to allow an external camera to be connected to the machine vision system so that the same image buffer can capture images from both the internal camera and the external camera.
2. (Original) The apparatus of claim 1, further comprising an external camera, wherein the external camera outputs a digital signal.
3. (Previously Presented) The apparatus of claim 1, further comprising a decoder connected to the camera port and to the image buffer.
4. (Original) The apparatus of claim 3, further comprising an external camera, wherein the external camera outputs an analog signal.
5. (Original) The apparatus of claim 1 wherein the internal camera comprises a lens and an image sensor.
6. (Original) The apparatus of claim 1, further comprising a memory.
7. (Previously Presented) A process comprising:
 - capturing a first image using a machine vision system comprising an internal camera, an image buffer, and a digital signal processing unit;
 - storing or processing the first image;
 - capturing a second image using an external camera connected to the same image buffer; and
 - storing or processing the second image.
8. (Original) The process of claim 7 wherein the internal camera outputs a digital signal.
9. (Original) The process of claim 7 wherein the external camera outputs an analog signal, and further comprising converting the analog signal into a digital signal.

10. (Previously Presented) A machine-vision system comprising:
 - an internal camera operatively connected to an image buffer and a digital signal processing unit;
 - a camera port connected to the same image buffer, wherein the port is adapted to allow an external camera to be connected to the machine vision system so that the same image buffer can capture images from both the internal camera and the external camera; and
 - an external camera connected to the camera port.
11. (Original) The apparatus of claim 10 wherein the internal camera comprises a lens and an image sensor.
12. (Original) The apparatus of claim 11 wherein the internal camera outputs a digital signal.
13. (Previously Presented) The apparatus of claim 10, further comprising a decoder connected to the camera port and to the image buffer.
14. (Original) The apparatus of claim 13 wherein the external camera outputs an analog signal.
15. (New) An apparatus comprising:
 - a machine-vision system comprising an internal camera operatively connected to a frame grabber, and a digital signal processing unit; and
 - a camera port connected to the frame grabber, wherein the port is adapted to allow an external camera to be connected to the machine vision system so that the same frame grabber can capture images from both the internal camera and the external camera.
16. (New) The apparatus of claim 15, further comprising a decoder connected to the camera port and to the frame grabber.
17. (New) The apparatus of claim 15 wherein the frame grabber simultaneously captures images from the internal camera and the external camera.
18. (New) The apparatus of claim 15 wherein the frame grabber can capture images from one of the internal camera or the external camera.

19. (New) The apparatus of claim 1 wherein a user can select whether the frame grabber captures images from one of the internal camera or the external camera, or simultaneously from both the internal camera and the external camera.